Course: Javascript Advanced ICT-443

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Date: 2019-June-20

**ICT-443 JAVASCRIPT ADVANCED - ASSIGNMENT 2**

**NOTES ABOUT THE PROJECT**

Here I present some "business rules" that have guided how the project has been designed and implemented:

- Task characteristics remain mostly the same as in Assignment 1. The task customization asked for in this assignment is designed as follows:

- When the category selected is "Groceries", the field "Name" is substituted by "Item name" and "Quantity".

- When the category selected is "Working Out", the field "Name" is substituted by "Activity" and "km/time".

- When the category selected is "Phone Call", the field "Name" is substituted by "Phone Number" and "Person Name".

- When the category selected is "Meeting", the field "Name" is substituted by "Attendees".

- Task custom characteristics are displayed both in the form and in the tasks layout.

**HOME PAGE**

- Home page with 3 buttons: New Task, Hide All, Delete All

- In whatever state of the application, if there are no tasks, the buttons Hide All and

Delete All will be disabled.

**TASK FORM**

- The ORDER number will be pre-populated to the next order.

- The user can alter the order number, but always decreasing the proposed value (in other words, the user cannot introduce gaps in the order values).

- The DUE DATE value will be pre-populated to the current local date.

**TASK CARDS**

- Scroll bars in NAME and DESCRIPTION (no limit to the length of these fields)

- 2 buttons: EDIT and DELETE:

**EDIT button**

- Opens the input form, pre-populated with the values of the task.

- User can edit all the values of the task.

- Regarding the editing of "Order #", the user can only edit it to an existing order # (for instance, if we have 10 tasks, with orders 1 to 10, the user can only change the order # to values between 1 and 10). Other solution would create a gap in the list of order values, which is forbidden by the business rule we set up ourselves while designing this app.

**CONSIDERATIONS ABOUT THE ORDER NUMBER**

- Task orders always start with 1.

- There cannot be gaps in the order numbers. For instance, if we have 5 tasks, the order numbers will be 1 to 5.

- When a task is created with (or edited to, for that matter) a pre-existing order number, these things happen:

- All tasks with greater order values, will reduce it by 1 (thus "filling" the order gap the edited one has left).

- The task edited will become the task at the chosen position.

- All the pre-existing tasks with greater order numbers than the chosen position will have it increased by 1.

Please see below a graphic representation of an example of an edit operation:

